

WHAT IS CLAIMED IS:

Claim 1:

A gas-insulated switch equipped with;

5 a breaking section comprising a fixed contact and a moving contact that can contact with and separate from the fixed contact, both installed in a ground vessel filled with insulation gas;

10 an operating device comprising a closing operation section that closes the fixed and moving contacts of the closing section and a breaking operation section that breaks the contacts; and

15 a shock absorber that absorbs the shock on the two contacts in the closing and breaking operations of the operating device;

the shock absorber being installed in the breaking section of the operating device; and the shock absorber absorbing the shock in both closing and breaking operations.

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Claim 2:

A gas-insulated switch equipped with;

25 a breaking section comprising a fixed contact and a moving contact that can contact with and separate from the fixed contact, both installed in a ground vessel filled

with insulation gas;

an operating device comprising a closing operation section that closes the fixed and moving contacts of the closing section and a breaking operation section that
5 breaks the contacts; and

a shock absorber that absorbs the shock on the two contacts in the closing and breaking operations of the operating device;

the breaking operation section of the control unit
10 being equipped with a breaking spring; the shock absorber being installed in the breaking spring; and the shock absorber absorbing the shock in both closing and breaking operations.

15 Claim 3:

A gas-insulated switch according to Claim 1, wherein
when the moving contact is in a closing action and in a breaking action, any load resulting from the action is not applied to the shock absorber in the course of the
20 action.

Claim 4:

A gas-insulated switch according to Claim 2, wherein
the shock absorber consists of a piston, rod end, and
25 breaking spring guide, all of which are installed inside

the breaking spring of the breaking operation section.

Claim 5:

A gas-insulated switch according to Claim 1 or Claim
5 2, wherein

the operating device closes and breaks the fixed and
moving contacts with the aid of an operating rod, and the
moving direction of the operating rod is equal to that of
the shock absorber.

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Claim 6:

A gas-insulated switch equipped with;

a breaking section comprising a fixed contact and a
moving contact that can contact with and separate from the
15 fixed contact, both installed in a ground vessel filled
with insulation gas;

an operating device comprising a closing operation
section that closes the fixed and moving contacts of the
closing section and a breaking operation section that
20 breaks the contacts; and

a shock absorber that hydraulically absorbs the shock
on the two contacts in the closing and breaking operations
of the operating device; the shock absorber adjusting the
shock in the closing and breaking operations by adjusting
25 the hydraulic pressure; and the shock absorber absorbing

the shock in both closing and breaking operations.

Claim 7:

A gas-installed switch according to Claim 6, wherein
5 the hydraulic throttle of the shock absorber can be
adjusted externally.

Claim 8:

A gas-insulated switch equipped with a fixed contact
10 and a moving contact that can contact with and separate
from the fixed contact; wherein

there are provided a shock absorber that brakes the
moving contact in the breaking action and closing action
of the moving contact, and

15 an output lever that is linked with the moving contact;
the shock absorber being installed at a position in
either of the moving directions of the output lever.

Claim 9:

20 A gas-insulated switch according to Claim 8, wherein
the output lever rotates, and the shock absorber is
installed at a position in either of the rotating
directions of the output lever.